

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/815,330A

DATE: 11/12/2001
TIME: 18:34:39

Input Set : A:\1954-333.txt
Output Set: N:\CRF3\11122001\I815330A.raw

3 <110> APPLICANT: Zaia, John
4 Hawkins, Ghislaine
6 <120> TITLE OF INVENTION: Protein Kinase Deficient, Immunologically Active CMVpp65
Mutants
8 <130> FILE REFERENCE: 1954-333
10 <140> CURRENT APPLICATION NUMBER: US 09/815330A
11 <141> CURRENT FILING DATE: 2001-03-23
13 <150> PRIOR APPLICATION NUMBER: US 60/191464
14 <151> PRIOR FILING DATE: 2000-03-23
16 <160> NUMBER OF SEQ ID NOS: 12
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 6
22 <212> TYPE: PRT
23 <213> ORGANISM: Human cytomegalovirus
25 <220> FEATURE:
26 <221> NAME/KEY: MISC_FEATURE
27 <222> LOCATION: (2)..(2)
28 <223> OTHER INFORMATION: Xaa = any amino acid
31 <220> FEATURE:
32 <221> NAME/KEY: MISC_FEATURE
33 <222> LOCATION: (4)..(4)
34 <223> OTHER INFORMATION: Xaa = any amino acid
37 <220> FEATURE:
38 <221> NAME/KEY: MISC_FEATURE
39 <222> LOCATION: (5)..(5)
40 <223> OTHER INFORMATION: Xaa = any amino acid
43 <400> SEQUENCE: 1
W--> 45 Glu Xaa Glu Xaa Xaa Glu 0 ✓
46 1
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 27
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: mutagenic primer for CMVpp65
57 <400> SEQUENCE: 2
58 gcgggcccga accgcaaatc agcatcc 27
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 27
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: mutagenic primer for CMVpp65
69 <400> SEQUENCE: 3
70 ggatgctgat ttgcgggtgc ggccgc 27
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 36

ENTERED

RAW SEQUENCE LISTING DATE: 11/12/2001
PATENT APPLICATION: US/09/815,330A TIME: 18:34:39

Input Set : A:\1954-333.txt
Output Set: N:\CRF3\11122001\I815330A.raw

75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: mutagenic primer for CMVpp65
81 <400> SEQUENCE: 4
82 gagtccaccg tcgcgccaa agaggacacc gacgag 36
85 <210> SEQ ID NO: 5
86 <211> LENGTH: 36
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: mutagenic primer for CMVpp65
93 <400> SEQUENCE: 5
94 ctcgtcggtg tcctcttgg gggcgacggg ggactc 36
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 9
99 <212> TYPE: PRT
100 <213> ORGANISM: Human cytomegalovirus
102 <400> SEQUENCE: 6
104 Asn Leu Val Pro Met Val Ala Thr Val
105 1 5
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 24
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: PCR primer for CMVpp65
116 <400> SEQUENCE: 7
117 gaattcacta gtgtaagtac cgcc 24
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 25
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: PCR primer for CMVpp65
128 <400> SEQUENCE: 8
129 gactggatcc ctgcagaaaa gaccc 25
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 7
134 <212> TYPE: PRT
135 <213> ORGANISM: Human cytomegalovirus
137 <400> SEQUENCE: 9
139 Ala Gly Arg Lys Arg Lys Ser
140 1 5
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 19
145 <212> TYPE: PRT
146 <213> ORGANISM: Human cytomegalovirus
148 <400> SEQUENCE: 10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/815,330A

DATE: 11/12/2001

TIME: 18:34:39

Input Set : A:\1954-333.txt

Output Set: N:\CRF3\11122001\I815330A.raw

150 Ala Pro Glu Glu Asp Thr Asp Glu Asp Ser Asp Asn Glu Ile His Asn
151 1 5 10 15

154 Pro Ala Val

158 <210> SEQ ID NO: 11

159 <211> LENGTH: 7

160 <212> TYPE: PRT

161 <213> ORGANISM: Artificial Sequence

163 <220> FEATURE:

164 <223> OTHER INFORMATION: Mutated PK domain II of CMVpp65

166 <400> SEQUENCE: 11

168 Ala Gly Arg Asn Arg Lys Ser
169 1 5

172 <210> SEQ ID NO: 12

173 <211> LENGTH: 19

174 <212> TYPE: PRT

175 <213> ORGANISM: Artificial Sequence

177 <220> FEATURE:

178 <223> OTHER INFORMATION: Mutated PK domain VIII of CMVpp65

180 <400> SEQUENCE: 12

182 Ala Pro Lys Glu Asp Thr Asp Glu Asp Ser Asp Asn Glu Ile His Asn
183 1 5 10 15

186 Pro Ala Val

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/815,330A

DATE: 11/12/2001

TIME: 18:34:40

Input Set : A:\1954-333.txt

Output Set: N:\CRF3\11122001\I815330A.raw

L:45 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1